

APPENDIX B
(Marked-Up Copy Of Amended Claims)

1. (Amended) A flat induction motor for driving a part of an apparatus, comprising:

a disc-shaped metal rotor [comprising a plurality of metal parts, said metal parts are arranged as a circular shape or a disc shape, onto which] including a plurality of [holes or] slots that extend into the rotor and that are [arranged in a circular shape] distributed around a center of the rotor in a generally circular configuration;

a stator including a plurality of coil means [arranged along a circular shape and the said plurality coil means are arranged as a stationary portion of said flat induction motor] positioned near the rotor to cause rotation of the rotor by magnetic interaction therewith;

energy controlling means [that will detect the] for detecting a relative position of the coil means and the [metal parts of the rotor] slots and causing current [is passed] to pass through said coil means [when the detecting device sense the suitable position of said metal parts relative to the said coil means] based on the relative position in order to cause rotation of the rotor,

wherein said rotor is integral with the part of the apparatus to be driven by the motor.

2. (Amended) The flat induction motor of claim 1, [which can be arranged as a portion of a driving device of a transportation apparatus], wherein said [flat metal rotor portion can be arranged as a part of the driving device; the] coil means [can be arranged so that it] is positioned along the side of [the] metal parts of said rotor, [said coil means can be arranged near in a circular or partial circular style] in a circular configuration, [said coil means can be arranged] or along [or along] at least a portion of the [peripheral] periphery of the motor[, or said coil means can be arranged as a part of a device that fix the position of the motor system].

3. (Amended) The flat induction motor of claim 1, [which can be arranged as a portion of a wheel system of a human powered apparatus,] wherein said [flat metal rotor portion can be arranged as a part of the] parts of said rotor form at least one spoke, [or as] a part of the hub, or [as] a part of the rim of [said] a wheel of a vehicle [the coil means can be arranged so that it is positioned along the side of the metal parts of said rotor, said coil means can be arranged near

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the hub in a circular or partial circular style, said coil means can be arranged along or along portion of the peripheral of the rim that forms the wheel, or said coil means can be a part of a mechanism that fix the position of the wheel system]

4. (Amended) The flat induction motor of claim 1, [which can be arranged to be] wherein said rotor is a part of a brake system [of] for a wheel of a vehicle [system of the ICE or electrical or hybrid or fuel cell vehicle or the like transporting apparatus, said rotor can be arranged as a part of a metal brake disc, the coil means can be arranged so that it can be positioned along the side of the metal parts of said rotor, said coil means and rotor can be arranged as part of a dynamic brake system means, or said coil means can be a part of a mechanism that fix the position of the wheel system].

5. (Amended) A flat induction motor for driving a part of an apparatus, comprising:

a metal rotor comprising a metal plate [folded] bent into a circular shape and including a plurality of [holes or] slots that extend into the rotor and that are [arranged in a circular shape] distributed around the rotor;

a stator including a plurality of coil means [arranged along a circular shape and the said plurality coil means are arranged as a stationary portion of said flat induction motor] positioned near the rotor to cause rotation of the rotor by magnetic interaction therewith;

energy controlling means [that will detect the] for detecting a relative position of the coil means and the [metal parts of the rotor] slots and causing current [is passed] to pass through said coil means [when the detecting device sense the suitable position of said metal parts relative to the said coil means] based on the relative position in order to cause rotation of the rotor,

wherein said rotor is integral with the part of the apparatus to be driven by the motor.

6. (Amended) The flat induction motor of claim 5, [which can be arranged as a portion of a driving device of a transportation apparatus], wherein said [flat metal rotor portion can be arranged as a part of the driving device; the] coil means [can be arranged so that it] is positioned along the side of [the] metal parts of said rotor, [said coil means can be arranged near in a circular

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or partial circular style] in a circular configuration, [said coil means can be arranged] or along [or along] at least a portion of the [peripheral] periphery of the motor[, or said coil means can be arranged as a part of a device that fix the position of the motor system].

7. (Amended) The flat induction motor of claim 5, [which can be arranged as a portion of a wheel system of a human powered apparatus,] wherein said [flat metal rotor portion can be arranged as a part of the] parts of said rotor form [spoke or as] a part of the hub or [as a part of the] rim of [said] a wheel of a vehicle [the coil means can be arranged so that it is positioned along the side of the metal parts of said rotor, said coil means can be arranged near the hub in a circular or partial circular style, said coil means can be arranged along or along portion of the peripheral of the rim that forms the wheel, or said coil means can be a part of a mechanism that fix the position of the wheel system]

8. (Amended) The flat induction motor of claim 5, [which can be arranged to be] wherein said rotor is a part of a brake system [of] for a wheel of a vehicle [system of the ICE or electrical or hybrid or fuel cell vehicle or the like transporting apparatus, said rotor can be arranged as a part of a metal brake disc, the coil means can be arranged so that it can be positioned along the side of the metal parts of said rotor, said coil means and rotor can be arranged as part of a dynamic brake system means, or said coil means can be a part of a mechanism that fix the position of the wheel system].

9. (Amended) A flat induction motor for driving a part of an apparatus, comprising:

a metal rotor comprising a metal plate [being arranged into] having a ring shape and including a plurality of [holes or] slots that extend into the rotor and that are [arranged in a circular shape] distributed around the rotor;

a stator including a plurality of coil means [arranged along a circular shape and the said plurality coil means are arranged as a stationary portion of said flat induction motor] positioned near the rotor to cause rotation of the rotor by magnetic interaction therewith;

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energy controlling means [that will detect the] for detecting a relative position of the coil means and the [metal parts of the rotor] slots and causing current [is passed] to pass through said coil means [when the detecting device sense the suitable position of said metal parts relative to the said coil means] based on the relative position in order to cause rotation of the rotor,

wherein said rotor is integral with the part of the apparatus to be driven by the motor.

10. (Amended) The flat induction motor of claim 9, [which can be arranged as a portion of a driving device of a transportation apparatus], wherein said [flat metal rotor portion can be arranged as a part of the driving device; the] coil means [can be arranged so that it] is positioned along the side of [the] metal parts of said rotor, [said coil means can be arranged near in a circular or partial circular style] in a circular configuration, [said coil means can be arranged] or along [or along] at least a portion of the [peripheral] periphery of the motor[, or said coil means can be arranged as a part of a device that fix the position of the motor system].

11. (Amended) The flat induction motor of claim 9, [which can be arranged as a portion of a wheel system of a human powered apparatus,] wherein said [flat metal rotor portion can be arranged as a part of the] parts of said rotor form [spoke or as] a part of the hub or [as a part of the] rim of [said] a wheel of a vehicle [the coil means can be arranged so that it is positioned along the side of the metal parts of said rotor, said coil means can be arranged near the hub in a circular or partial circular style, said coil means can be arranged along or along portion of the peripheral of the rim that forms the wheel, or said coil means can be a part of a mechanism that fix the position of the wheel system]

12. (Amended) The flat induction motor of claim 9, [which can be arranged to be] wherein said rotor is a part of a brake system [of] for a wheel of a vehicle [system of the ICE or electrical or hybrid or fuel cell vehicle or the like transporting apparatus, said rotor can be arranged as a part of a metal brake disc, the coil means can be arranged so that it can be positioned along the side of the metal parts of said rotor, said coil means and rotor can be arranged as part of a dynamic

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brake system means, or said coil means can be a part of a mechanism that fix the position of the wheel system].